IN THE CLAIMS

Please amend the claims to read as follows:

Listing of Claims

1-6. (Canceled).

7. (New) A compressed mode downlink propagation path quality information transmitting method for normally transmitting downlink propagation path quality information in a scheduled period selected from an assumed period group in which transmission of the downlink propagation path quality information is assumed, the method comprising:

a receiving step of receiving a radio signal comprising a pilot channel signal and a downlink control channel signal;

a downlink propagation path quality information generating step of generating downlink propagation path quality information for each measurement reference period based on the pilot channel signal;

an extracting step of extracting a control parameter from the downlink control channel signal;

a timing generating step of: calculating a downlink transmission gap interval and an uplink transmission gap interval based on the extracted control parameter; given assumed periods which come after the downlink transmission gap interval has ended and which do not overlap the uplink transmission gap interval, determining sequentially whether a condition that a measurement reference period associated with the assumed period does not overlap the downlink

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transmission gap interval, is satisfied; and, in a first assumed period to satisfy the condition after the downlink transmission gap interval has ended, generating a timing for transmitting downlink propagation path quality information generated based on the pilot channel signal received in a measurement reference period associated with the first assumed period, as extra downlink propagation path quality information; and

a transmitting step of transmitting the extra downlink propagation path quality information at the timing generated in the timing generating step.

8. (New) The compressed mode downlink propagation path quality information transmitting method according to claim 7, wherein a radio signal received in the receiving step is a discontinuously transmitted packet data signal.

9. (New) A downlink propagation path quality information transmitting apparatus that normally transmits downlink propagation path quality information in a scheduled period selected from an assumed period group in which transmission of the downlink propagation path quality information is assumed, the apparatus comprising:

a receiving section that receives a radio signal comprising a pilot channel signal and downlink control channel signal;

a downlink propagation path quality information generating section that generates downlink propagation path quality information for each measurement reference period based on the pilot channel signal;

an extraction section that extracts a control parameter from the downlink control channel signal;

a timing generation section: that calculates a downlink transmission gap interval and an uplink transmission gap interval based on the extracted control parameter; given assumed periods which come after the downlink transmission gap interval has ended and which do not overlap the uplink transmission gap interval, determines sequentially whether a condition that a measurement reference period associated with the assumed period does not overlap the downlink transmission gap interval, is satisfied; and, in a first assumed period to satisfy the condition after the downlink transmission gap interval has ended, generates a timing for transmitting downlink propagation path quality information generated based on the pilot channel signal received in a measurement reference period associated with the first assumed period, as extra downlink propagation path quality information; and

a transmitting section that transmits the extra downlink propagation path quality information at the timing generated in the timing generation section.

10. (New) The downlink propagation path quality information transmitting apparatus according to claim 9, wherein the timing generation section comprises:

an uplink status determination section that determines, in response to an input of a determination request signal, whether a next assumed period to arrive satisfies a first condition of not overlapping the uplink transmission gap interval;

a downlink status determination section that determines, in response to the input of the determination request signal, whether a measurement reference gap interval associated with the

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next assumed period to arrive satisfies a second condition of not overlapping the downlink transmission gap interval; and

a decision section that decides to generate the timing for transmitting the extra downlink propagation path quality information when the first condition and the second condition are satisfied, while transmitting the determination request signal to the uplink status determination section and the downlink status determination section when at least one of the first condition and the second condition is not satisfied.

11. (New) The downlink propagation path quality information transmitting apparatus according to claim 9, wherein the timing generation section comprises:

a scheduled period derivation section that derives a scheduled period in which transmission of the downlink propagation path quality information in a compressed mode is scheduled based on the extracted control parameter and outputs a scheduled period report signal;

an uplink status determination section that determines, in response to an input of the scheduled period report signal or a determination request signal, whether a next scheduled period to arrive or a next assumed period to arrive which is different from the scheduled period, satisfies a first condition of not overlapping the uplink transmission gap interval;

a downlink status determination section that determines, in response to the input of the scheduled period report signal or the input of the determination request signal, whether a measurement reference period associated with the next scheduled period to arrive or the next assumed period to arrive which is different from the scheduled period, satisfies a second condition of not overlapping the downlink transmission gap interval; and

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a decision section that decides to generate the timing for transmitting the extra downlink propagation path quality information when the first condition and the second condition are satisfied, while transmitting the determination request signal to the uplink status determination section and the downlink status determination section when at least one of the first condition and the second condition is not satisfied.